



Deutsche
Akkreditierungsstelle
D-ZE-11321-01-00



Product Service

CERTIFICATE

No. Z2B 015347 0057 Rev. 01

Holder of Certificate: **TORMAX**
Landert Motoren AG
Unterweg 14
8180 Bülach
SWITZERLAND

Certification Mark:



Product: **Automatic door drives**
Electro-mechanical Swing Door Drive

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition the certification holder must not transfer the certificate to third parties. See also notes overleaf.

Test report no.: 028-713107009-000

Valid until: 2023-09-04

Date, 2018-09-06

(Abdul Sabbagh)

CERTIFICATE

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Model(s): **TORMAX 1102 Swing Door Drive / TTX 1102**
TORMAX 1201 Swing Door Drive

TypeTORMAX	1102 / TTX 1102	1102 / TTX 1102	1201	1201
Rated voltage	115 V	230 V	230V	115 V
Rated frequency	60Hz	50 Hz ... 60Hz		60Hz
Rated power input max.	210 W		235 W	
Rated current max.	2,1 A	1,05 A	1,15 A	2,3 A
Protection class	I			
Degree of protection	IP20			
No. of door leaves	1			
Weight of door leaf max.	125 kg		250 kg	
Door leaf width max.	1,2 m		1,4m	
Moment of inertia max.	35 kgm ²		65 kgm ²	
Temperature range	-20 °C ... +50 °C			
Performance Level	d			
Category	2			

Classification	
1 kind of drive	1: Swing door drive
2 durability	3: 1.000.000
3 leaf construction	*
4 fire protection door	*
5 safety devices	1: Force limitation 2: External safety devices, optional 3: Low-energy, optional
6 special requirements	0: no special requirements
7 safety at the door system	*
8 ambient temperature	4: manufacturerers data -20°C-+50°C

* The system installer has to determine the numbers not stated and has to ensure that by that selection the normative requirements are fulfilled. Fire-doorset properties were not part of this test.

**Tested
according to:**

DIN 18650-1:2010
DIN 18650-2:2010
EN 16005:2012
EN 60335-1:2012/A11:2014
EN ISO 13849-1:2015
EN ISO 13849-2:2012
EN 60335-2-103:2015

**Production
Facility(ies):**

091848



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